

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. STS96-02A	APPLICATION NO. 08/977,787
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		APPLICANT Lee Mizzen et al.	
		FILING DATE November 25, 1997	GROUP 1642

U. S. PATENT DOCUMENTS

EXAM- INER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
MWZ	AA	4,716,038	29-DEC-87	Stanford et al.	424	92	
MWZ	AB	5,504,005	04-Feb-96	Bloom et al.	435	253.1	
MWZ	AC	5,114,844	19-May-92	Cohen et al.	435	7.21	
MWZ	AD	4,724,144	09-Feb-88	Rook et al.	424	88	
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
MWZ	AL	WO 85/05034	21-Nov-85	PCT			
	AM	WO 89/12455	28-Dec-89	PCT			
	AN	WO 90/15873	27-Dec-90	PCT			
	AO	WO 92/08488	27-Dec-90	PCT			
	AP	WO 93/17712	16-Sep-93	PCT			
MWZ	AQ	WO 94/03208	17-Feb-94	PCT			

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MWZ	AR	Suzue, K. and Young, R.A., "Adjuvant-Free hsp70 Fusion Protein System Elicits Humoral and Cellular Immune Responses to HIV-1 p24 ¹ ," <i>J. Immunol.</i> , 156:873-879, (1996).
	AS	Noll, A. and Autenrieth, I.B., "Immunity against <i>Yersinia enterocolitica</i> by Vaccination with <i>Yersinia</i> HSP60 Immunostimulating Complexes or <i>Yersinia</i> HSP60 plus Interleukin-12," <i>Infect. & Immun.</i> , 64:2955-2961 (1996).
MWZ	AT	Barrios, C., et al., "Mycobacterial heat-shock proteins as carrier molecules. II: The use of the 70-kDa mycobacterial heat-shock protein as carrier for conjugated vaccines can circumvent the need for adjuvants and Bacillus Calmette Guerin priming," <i>Eur. J. Immunol.</i> , 22:1365-1372, (1992).

EXAMINER	<i>MWZ</i>	DATE CONSIDERED
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W/MZ	AL2	WO 94/29459	22-Dec-94	PCT			
	AM2	2 251 186	01-Jul-92	UK			
	AN2	0 322 990	05-Jul-89	EPO			
	AO2	0 262 710	07-Sep-87	EPO			
	AP2	WO 91/15572	17-OCT-91	PCT			
W/MZ	AQ2	WO 91/02542	07-Mar-91	PCT			

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W/MZ	AU	Kaufman, S.H.E., et al., "Enumeration of T cells reactive with <i>Mycobacterium tuberculosis</i> organisms and specific for the recombinant mycobacterial 64-kDa protein," <i>Eur. J. Immunol.</i> , 17:351-357 (1987).
	AV	Ferrero, R.L., et al., The GroES homolog of <i>Helicobacter pylori</i> confers protective immunity against mucosal infection in mice," <i>Proc. Natl. Acad. Sci. USA</i> , 92:6499-6503 (1995).
	AW	Young, D., et al., "Stress Proteins are immune targets in leprosy and tuberculosis," <i>Proc. Natl. Acad. Sci. USA</i> , 85:4267-4270 (1988).
	AX	Gomez, F. J., et al., "Vaccination with Recombinant Heat Shock Protein 60 from <i>Histoplasma capsulatum</i> Protects Mice against Pulmonary Histoplasmosis," <i>Infect. & Immun.</i> , 63:2587-2595 (1995).
	AY	Del Guidice, G., et al., "Priming to Heat Shock Proteins in Infants Vaccinated against Pertussis," <i>J. Immunol.</i> , 150(5):2025-2032 (1993).
	AZ	Barrios, C. et al., Heat shock proteins as carrier molecules: <i>in vivo</i> helper effect mediated by <i>Escherichia coli</i> GroEL and DnaK proteins requires cross-linking with antigen," <i>Clin. Exp. Immunol.</i> , 98:229-233 (1994).
	AR2	De Velasco, E.A., et al., Synthetic Peptides Representing T-Cell Epitopes Act as Carriers in Pneumococcal Polysaccharide Conjugate Vaccines," <i>Infect. & Immun.</i> , 63:961-968 (1995).
	AS2	Konen-Waisman, S. et al., "Self and Foreign 60-Kilodalton Heat Shock Protein T Cell Epitope Peptides Serve As Immunogenic Carriers for a T Cell-Independent Sugar Antigen1," <i>J. Immunol.</i> , 154:5977-5985 (1995).
W/MZ	AT2	Friedland, J.S., et al., "Mycobacterial 65-kD heat shock protein induces release of proinflammatory cytokines from human monocytic cells," <i>Clin. Exp. Immunol.</i> , 91:58-62 (1993).

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
MR	AL3	WO 92/08484	29-May-92	PCT			
MR	AM3	WO 88/06591	07-Sep-88	PCT			
	AN3	WO 88/05823	11-Aug-88	PCT			
	AO3	WO 88/00974	11-Feb-88	PCT			

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MR	AU2	Verdegaal, E.M.E., <i>et al.</i> , "Heat Shock Protein 65 Induces CD62e, CD106, and CD54 on Cultured Human Endothelial Cells and Increases Their Adhesiveness for Monocytes and Granulocytes," <i>J. Immunol.</i> , 157:369-376 (1996).
	AV2	Vodkin, M.H. and William, J.M., "A Heat Shock Operon in <i>Coxiella burnetii</i> Produces a Major Antigen Homologous to a Protein in Both Mycobacteria and <i>Escherichia coli</i> ," <i>J. Bact.</i> , 170(3):1227-1234 (1988).
	AW2	Dubois, P. <i>et al.</i> , "Protective immunization of the squirrel monkey against asexual blood stages of <i>Plasmodium falciparum</i> by use of parasite protein fractions," <i>Proc. Natl. Acad. Sci. USA.</i> , 81:229-232 (1984).
	AX2	Ardeshir F., <i>et al.</i> , "A 75 kd merozoite surface protein of <i>Plasmodium falciparum</i> which is related to the 70 kd heat-shock proteins," <i>EMBO J.</i> , 6(2):493-499 (1987).
	AY2	Lamb, J.R., <i>et al.</i> , "Stress Proteins may Provide a Link Between the Immune Response to Infection and Autoimmunity," <i>Int'l. Immunol.</i> , 1(2):191-196 (1989).
	AZ2	Lindquist, S. and Craig, E.A., "The Heat-Shock Proteins," <i>Annu. Rev. Genet.</i> , 22:631-677 (1988).
	AR3	Husson, R.N. and Young, R.A., "Genes for the major protein antigens of <i>Mycobacterium tuberculosis</i> : the etiologic agents of tuberculosis and leprosy share an immunodominant antigen," <i>Proc. Natl. Acad. Sci. USA</i> , 84:1679-1683 (1987).
	AS3	Thole, J.E.R., <i>et al.</i> , "Characterization, Sequence Determination, and Immunogenicity of a 64-Kilodalton Protein of <i>Mycobacterium bovis</i> BCG Expressed in <i>Escherichia coli</i> K-12," <i>Infect. Immunol.</i> , 55:(6):1466-1470 (1987).
	AT3	Del Giudice, G., <i>et al.</i> , "Heat shock protein as "super"-carriers for sporozoite peptide vaccines?," <i>Res. in Immunol.</i> , 162:703-707 (1991).
	AU3	Young, D.B., <i>et al.</i> , "The 65kDa antigen of <i>mycobacterium</i> - a common bacterial protein?," <i>Immunol. Today</i> , 8(7-8):215-219 (1987).
	AV3	Young, R.A., "Stress Proteins and Immunology," <i>Annu. Rev. Immunol.</i> , 8:401-420 (1990).
	AW3	Blander, S.J. and Horwitz, M.A., "Major Cytoplasmic Membrane Protein of <i>Legionella pneumophila</i> , a Genus Common Antigen and Member of the hsp 60 Family of Heat Shock Proteins, Induces Protective Immunity in a Guinea Pig Model of Legionnaires' Disease," <i>J. Clin. Invest.</i> , 91:717-723 (1993).
MR	AX3	Lussow, A.R., <i>et al.</i> , "Mycobacterial heat-shock proteins as carrier molecules," <i>Eur. J. Immunol.</i> , 21:2297-2302 (1991).

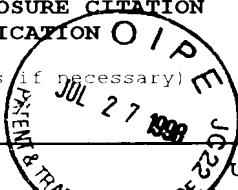
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	AA						
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	AH				JUL 29 1998		
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MWB	AF3	WO 97/06821	27-FEB-97	PCT			
	AQ3	WO 97/26910	31-JUL-97	PCT			
	AL4	WO 96/10421	11-APR-96	PCT			
MWB	AM4	WO 95/24923	21-SEP-95	PCT			

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MWB	AY3	Srivastava P.K. and Udon, H., "Heat shock protein-peptide complexes in cancer immunotherapy," <i>Curr. Opin. Immunol.</i> , 6:728-732 (1994).
MWB	AZ3	Levi, R. and Arnon, R., "Synthetic recombinant influenza vaccine induces efficient long-term immunity and cross-strain protection," <i>Vaccine</i> , 14(1):85-92, (1996).
MWB	AF4	DeNagel, D.C. and Pierce, S.K., "Heat shock proteins in Immune Responses," <i>Crit. Rev. Immunol.</i> , 13(1):71-81 (1993).

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